

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently amended) A parts assembly for a prosthesis, particularly a cervical spine intervertebral disc prosthesis, comprising two base parts, which are coupled to one another in an articulated manner by means of coupling parts formed on the base parts, wherein the base parts are in each case formed in one piece with an associated coupling part, wherein the base parts and their associated coupling parts are made of the same material, which is a material selected from the following group of materials: polyetherketone (PEK), polyetheretherketone (PEEK), polyacryletherketone (PAEK), polyetherketoneketone (PEKK), polyetherketoneetherketoneketone (PEKEKK) and polyetherketoneetherketone (PEKEK), wherein one of the coupling parts comprises a sliding surface and the other of the coupling parts comprises a countersliding surface, the sliding surface and the countersliding surface being coated with a Co-Cr alloy coating, wherein an anatomically adapted contact surface is formed on a respective outer side of the two base parts, the anatomically adapted contact surface being adapted to a surface contour of a bone in which the prosthesis is to be implanted.

2. (Canceled).

3. (Previously presented) The parts assembly according Claim 1, wherein an anti-rotation means is formed on each of the two base parts.

4. (Previously presented) The parts assembly according to Claim 3, wherein the anti-rotation means comprises a web arranged on the respective outer side.

5. (Previously presented) The parts assembly according to claim 1, wherein the two base parts are coupled to one another in an articulated manner by means of a sliding connection.

6. (Previously presented) The parts assembly according to Claim 5, wherein the sliding connection is embodied by means of the sliding surface and the countersliding surface, which is adapted to the sliding surface, wherein the sliding surface is slidably supported on the countersliding surface in the coupled state of the two base parts.

7. (Previously presented) The parts assembly according to Claim 6, wherein the sliding surface is formed on a hemispherical protrusion on the coupling part.

8. (Canceled).

9. (Previously presented) The parts assembly according to claim 1, wherein at least one of the two base parts is at least partially coated.

10. (Previously presented) The parts assembly according to claim 1, wherein at least one of (i) the anatomically adapted contact surfaces or (ii) the webs have a material coating.

11. (Currently amended) A part for a prosthesis parts assembly, particularly a cervical spine intervertebral disc prosthesis part, comprising a base part and a coupling part formed on the base part for articulated coupling to another base part, wherein the base part and the coupling part are formed in one piece, and made of the same material, which is a material selected from the following group of materials: polyetherketone (PEK), polyetheretherketone (PEEK), polyacryletherketone (PAEK), polyetherketoneketone (PEKK), polyetherketoneetherketoneketone (PEKEKK) and polyetherketoneetherketone (PEKEK), wherein the coupling part comprises a sliding surface that is coated with a Co-Cr alloy coating, wherein an anatomically adapted contact surface on an outer side of the base part is provided, the anatomically adapted contact surface being adapted to a surface contour of a bone in which the prosthesis is to be implanted.

12. (Canceled).

13. (Previously presented) The part according to Claim 11, wherein an anti-rotation means on the outer side of the base part is provided.

14. (Previously presented) The part according to Claim 13, wherein the anti-rotation means comprises a web arranged on the outer side.

15. (Canceled).

16. (Previously presented) The part according to Claim 11, wherein the sliding surface is curved.

17. (Canceled).

18. (Previously presented) The part according to claim 11, wherein an at least partial material coating of the base part is provided.

19. (Previously presented) The part according to claim 14, wherein at least one of (i) the anatomically adapted contact surface or (ii) the web have a material coating.